SYSTEM AND METHOD FOR 3D STATISTICAL SHAPE MODEL FOR THE LEFT VENTRICLE OF THE HEART

ABSTRACT OF THE INVENTION

5   A method for the generation of a 3D statistical shape

model for a left ventricle of a heart generating an average

left ventricle by aligning the datasets, selecting landmarks,

and setting weights expressing confidence for each landmark,

10   and determining a statistical model from a set of aligned

shape model by principle component analysis.